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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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TECHNOLOGY CENTER 2800

In re Appln. Of: FERRAND et al.

Serial No.: 09/582,256

Filed: June 22, 2000

For: PASSIVE Q-SWITCHED MICROLASER WITH CONTROLLED...

Group: 2828

Examiner: JEFFREY N. ZAHN

DOCKET: Brev 12923

Assistant Commissioner of Patents & Trademarks  
Washington, D.C. 20231

SUPPLEMENTAL AMENDMENT B UNDER RULE 116

Dear Sir:

Supplementing Amendment B under Rule 116 filed March 17, 2003 in response to the Final Action mailed December 18, 2002, please amend the Application as follows:

IN THE CLAIMS:

Please amend claim 17 to read as follows:

17. (Thrice Amended) A laser cavity comprising:

a substrate made of a doped or undoped active laser material  $Y_3Al_5O_{12}$  (YAG) on which a monocrystalline layer of saturable absorbent material made of doped YAG is deposited directly by liquid phase epitaxy, in which said active laser material has a [100] orientation, and said monocrystalline layer of saturable absorbent material is deposited with the same [100] orientation;

an entry mirror; and

an exit mirror;

wherein said doped or undoped active laser material YAG, said monocrystalline layer of saturable absorbent material made of doped YAG deposited directly on said active laser

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**FROM:** Norman P. Soloway, Esq.

**MESSAGE:**

**SUPPLEMENTAL AMENDMENT B UNDER RULE 116**

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For:

Groups

**Group  
Docket**

DRAFT.

- Received: 1. Supplemental Amendment B under Rule 116 (2 pgs)  
2. Marked claims w/cover sheet (2 pgs)

03/28/03 wpt

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